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MONTHLY  
BIBLIOGRAPHY ON EXOTIC ANIMAL DISEASES

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EXPLANATORY NOTE

1. ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY DISEASE.
2. DISEASES ARE INDICATED AT THE BEGINNING OF EACH GROUP.
3. UNDER DISEASE, ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY AUTHOR'S NAME.
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AFRICAN HORSE SICKNESS

ELS, H.J., and VERWOERD, D.W.

Morphology of bluetongue virus.

/ "Limited studies on African horsesickness virus indicate great similarities with bluetongue virus." / -p. 218.

Virology 38(2):213-219, 1969.

PIL

U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE  
ON INFECTIOUS DISEASES OF HORSES.

Report.

U.S. Livest. Sanit. Ass., Proc. 72:223-236, 1968,  
publ. 1969.

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Report.

U.S. Livest. Sanit. Ass., Proc. 72:216-219, 1968,  
publ. 1969.

PIL

VERWOERD, D.W.

Purification and characterization of bluetongue virus.

/ "When the basic criteria such as nucleic acid character, morphology and serological relationship are taken into account it can be concluded that bluetongue virus, and probably also the closely related African horsesickness virus and a few others under investigation, are obviously related to the reoviruses, ..." / -p. 211.

Virology 38(2):203-212, 1969.

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AFRICAN SWINE FEVER

DeBOER, C.J., HESS, W.R., and DARDIRI, A.H.

Studies to determine the presence of neutralizing antibody in sera and kidneys from swine recovered from African swine fever.

Arch. Gesamte Virusforsch. 27(1):44-54, 1969.

PIL &  
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MACKENZIE, A.

The pathology of respiratory infections in pigs.

Brit. Vet. J. 125(6):294-303, 1969.

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AFRICAN SWINE FEVER

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Garbage feeding. Foreign animal disease implications.  
Pres. Symp. on the Future of Garbage Feed.,  
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publ. 1969.

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CONTAGIOUS BOVINE PLEUROPNEUMONIA

GOODWIN, R.F.W., and others.\*

Immunity in experimentally induced enzootic  
pneumonia of pigs.

J. Hyg.(Camb.) 67(2):193-208, 1969.

\*R.G. Hodgson, P. Whittlestone, and R.L. Woodhams.

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MASIGA, W.N., and STONE, S.S.

Fluorescent antibody and agar gel diffusion  
techniques to detect *Mycoplasma mycoides* in  
fresh and formalin-fixed lung lesions of cattle.  
Bull. Epizoot. Dis. Afr. 16(4):399-404, 1968.

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U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE  
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Report.

U.S. Livest. Sanit. Ass., Proc. 72:216-219, 1968,  
publ. 1969.

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DUCK PLAGUE

BUTTERFIELD, W.K., and DARDIRI, A.H.

Vaccination of ducks with chicken embryo-  
attenuated duck plague virus.

--Abstract.

Pres. Northeast. Conf. Avian Dis., 41st, Orono,  
Maine-Program, June 1969.

#8246

DARDIRI, A.H.

Attenuation of duck plague virus and its  
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Arch. Gesamte Virusforsch. 27(1):55-64, 1969.

PIL &  
#7224

KARAS, N.

Plum Island takes the sting out of foreign animal  
diseases.

/ "On Plum Island, scientists spearhead the  
fight against contagious animal diseases and  
pass on their findings to Canada and Mexico  
to reduce the danger of plague from imported  
livestock." /

Suffolk Sun (Dawn Mag.) p. 8-9, July 26, 1969.

#8260





# DUCK PLAGUE

NEWCOMB, S.S.

A report on the progress of the duck virus enteritis (duck plague) eradication program in the Long Island commercial duck industry.  
--Abstract.

Pres. Northeast. Conf. Avian Dis., 41st, Orono, Maine-Program, June 1969.

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TOTH, T., and URBAN, W.D.

Active immunization against duck virus enteritis (duck plague).  
--Abstract.

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## U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE ON FOREIGN ANIMAL DISEASES.

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U.S. Livest. Sanit. Ass., Proc. 72: 216-219, 1968, publ. 1969.

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## U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE ON TRANSMISSIBLE DISEASES OF POULTRY.

Report.

U.S. Livest. Sanit. Ass., Proc. 72:247-261, 1968, publ. 1969.

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# EAST COAST FEVER

McCULLOCH, B., and others.\*

A study of the life history of the tick *Rhipicephalus appendiculatus*—the main vector of East Coast fever—with reference to its behaviour under field conditions and with regard to its control in Sukumaland, Tanzania.

Bull. Epizoot. Dis. Afr. 16(4):477-500, 1968.

\*W.J. Kalaye, R. Tungaraza, B.O.J. Suda, and E.M.S. Mbasha.

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# EPHEMERAL FEVER

INABA, Y., and others.\*

Serological relation between bovine epizootic fever and ephemeral fever.

Jap. J. Microbiol. 13(1):129-130, 1969.

\*Y. Tanaka, T. Omori, and M. Matumoto.

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# FOOT-AND-MOUTH DISEASE

ANON.

Terapia degli accidenti allergici susseguenti alla inoculazione di vaccino antiaftoso nei bovini. (Treatment of allergic incidents subsequent to inoculation of foot and mouth disease vaccines in bovines.)

--Editorial.

Vet. Ital. 19(8):565-566, 1968.

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The decontamination of foot and mouth infected milk at the milk factories.

Veterinariya, Moscow 46(1):86-88, 1969.

\*A.G. Milanovsky, G.K. Chhaidze, and E.L. Saladzov.

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BACHRACH, H.L.

Large-scale cultivation of animal cells in roller bottles for production of decigram amounts of pure foot-and-mouth disease virus.

In: Conf. on Cell Cult. for Virus Vaccine Prod., held Nat. Inst. Health, Bethesda, Md., 1967, Nat. Cancer Inst. Monogr. No. 29, p. 73-81, ed. by Donald J. Merchant. Washington, D.C., U.S. Govt. Print. Off., 608 p., 1968.

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BEKKUM, J.G. van

De mond- en klauwzeervaccinvoorziening in Nederland. (The supply of foot and mouth disease vaccine in the Netherlands.) English summary, p. 767.

Tijdschr. Diergeneesk. 94(12):758-767, 1969.

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BOZHKO, H.I.

Epizootology of foot-and-mouth disease. Russian summary.

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Vaccinazione dei suini contro l'afta epizootica a mezzo di virus inattivato con l'uso di idrossilamina o acetiletileneimina. (Vaccination of swine against foot-and-mouth disease (FMD) with hydroxylamine and acetyleneimine inactivated virus.)

English translation, p. 148-156.

Vet. Ital. 20(3-4):137-156, 1969.

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DANNACHER, G., FEDIDA, M., and PERRAUD, J.

L'hypothese de la particule unique. (The hypothesis of the single particle.)

English summary, p. 733.

Recl. Med. Vet. Ecole Alfort 114(8):711-733, 1968.

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[ "Bachrach (1964) has observed that the protein coat of foot-and-mouth disease virus (FMDV) confers stability against thermal denaturation of its RNA core." ] -p. 275.

Virology 38(2):269-277, 1969.

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KARAS, N.

Plum Island takes the sting out of foreign animal diseases.

/"On Plum Island, scientists spearhead the fight against contagious animal diseases and pass on their findings to Canada and Mexico to reduce the danger of plague from imported livestock."/

Suffolk Sun (Dawn Mag.) p. 8-9, July 26, 1969.

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O srokakh prigodnosti dlya svienei protivoyashchurnoi kristallvioletovoi termovtsiny UNIEV.  
(The period of usefulness for pigs of the UNIEV crystal violet thermovaccine against foot and mouth disease.)

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Activated sepharose as an adsorbent for antibodies of foot-and-mouth disease virus, and its use as an immunoadsorbent for type and subtype differentiation.

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(Antibiotic allergies in animals.)

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Garbage feeding. Foreign animal disease implications.  
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II. Comparative response of guinea pigs and steers.

U.S. Livest. Sanit. Ass., Proc. 72:407-415, 1968,  
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Emploi de serums spécifiques d'éléments viraux dans les réactions de fixation du complément du virus de la fièvre aphteuse. (Viral particles specific serum, used in foot and mouth disease complement fixation reactions.)  
English summary, p. 850.

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ROUMIANTZEFF, M., SALVATORI, J., and CAILLERE, F.

Methode d'inhibition de la fixation du complement applicable au titrage des anticorps aphteux de bovins. (Method of inhibition of complement fixation applied to the titration of foot-and-mouth disease antibodies of bovines.)

English summary, p. 463.

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When it happens here.

/Foot-and-mouth disease: Outbreaks; History; and Preplanning and attempts at preparedness to overcome a threat./

U.S. Livest. Sanit. Ass., Proc. 72:211-215, 1968, publ. 1969.

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Airborne excretion of foot-and-mouth disease virus.

Prepublication copy.

Mimeogr. copy, 5 p., 4 tables, 1969.

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SHERMAN, K.

Foot-and-mouth disease eradication in England.

U.S. Livest. Sanit. Ass., Proc. 72:465-469, 1968, publ. 1969.

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SIDWELL, R.W., and others.\*

Procedure for the evaluation of the virucidal effectiveness of an ethylene oxide gas sterilizer.

/ "...allowed to evaporate in a container was effective against foot-and-mouth disease virus." /

Appl. Microbiol. 17(6):790-796, 1969.

\*G.J. Dixon, L. Westbrook, and E.A. Dulmadge.

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Garbage-borne diseases in swine.

Pres. Symp. on the Future of Garbage Feed., New Orleans, 1968.

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Indirekte Komplementbindung mit Mäuseseren nach Schutzimpfung mit monovalenter Maul-und Klauenseuche-Vaccine. (Indirect complement fixation with mouse sera after inoculation with monovalent foot-and-mouth vaccine.)

English summary, p. 250.

Zentralbl. Veterinärmed., Reihe B 16(3):240-252, 1969.

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U.S. Livest. Sanit. Ass., Proc. 72:216-219, 1968, publ. 1969.

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U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE  
ON STATE-FEDERAL RELATIONS.

Report.

/ Foot-and-mouth disease: Plum Island-planning  
and added facilities; and Vaccine field trials  
in Brazil and Holland. /

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BORLAND, R., and MAHY, B.W.J.

Deoxyribonucleic acid-dependent ribonucleic  
acid polymerase activity in cells infected  
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Effect of myxovirus infection on synthesis of  
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/ "The K strain of NDV and Weilbridge strain  
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Antibody against influenza A2 virus neuraminidase  
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Neuraminidase in avian influenza A virus anti-  
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Ribonucleic acid synthesis in chick embryo cells  
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Intracellular survival of viral and rickettsial  
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\*R.C. Carter, F. Klein, S.E. Snowden, and R.E. Lincoln.

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Fluorescent antibody procedures for bovine viruses.

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The susceptibility of the one-humped camel (*Camelus dromedarius*) to infection with rinderpest virus.

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/"The biochemical properties of the TME agent are quite unusual for a virus. The only other agent which has been shown to have similar properties is that of scrapie." /

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Garbage feeding. Foreign animal disease implications.  
Pres. Symp. on the Future of Garbage Feed.,  
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Metabolic requirements in Rous sarcoma virus  
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In: Mol. Biol. Viruses, Proc. Symp., Edmonton,  
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Susceptibility of the *Aedes albopictus* and  
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/"...and for the Indiana and New Jersey strains  
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Antiviral activity of an interferon-inducing  
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\*M. Lieberman, A. Pascale, and G. Shimonaski.

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L'hypothese de la particule unique. (The hypothesis of the single particle.)

English summary, p. 733.

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/ "Vesicular stomatitis virus (VSV), Indiana strain, was used as challenge virus in the interferon titrations. ... When tested in L cells, the sera were active not only against VSV but ... " /

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Studies on early-appearing interferon in vitro.

I. Production of endotoxin-induced interferon by mouse spleen cells cultured in vitro.

/ "Both the early- and late-IF induced by ET in vitro possessed "species specificities" and showed no extracellular neutralization of VSV." /

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Growth of measles virus in a mouse derived  
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tested with VSV..." /

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Homologous interference by an actively multi-  
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type,..., were propagated in BEK cell cultures,  
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Arbovirus plaquing in a clonal line (PS Y-15) of  
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/ "The initial investigation on the use of a  
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Structural proteins of vesicular stomatitis viruses.

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Method for testing virus stocks for viral contaminants.

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